PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference FEL0404-PCT		FOR FURTHER ACTION	See Form PCT/IPEA/416				
International application No.		International filing date (day/month/ye	ear) Priority date (day/month/year)				
PCT/JP2004/002488		01.03.2004					
International Patent Classification (IPC) or national classification and IPC							
H01L29/423, H01L21/336, H01L29/49, H01L29/78, H01L21/28							
Applicant							
	TOKYO ELECTRON LIMITED						
This report is the international preliminary examination report, established by this International Preliminary Examining Authority							
1.	under Article 35 and transmitted to the applicant according to Article 36.						
2.	2. This REPORT consists of a total of sheets, including this cover sheet.						
3.	This report is also accompanied by	ANNEXES, comprising:					
	a. (sent to the applicant a	nd to the International Bureau) a total of	4 sheets, as follows:				
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or						
	sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental						
	Box.						
	b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))						
	, containing a sequence listing and/or tables						
	related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).						
4.	This report contains indications rel	ating to the following items:					
	Box No. I Basis of the report						
	Box No. II Priority						
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
	Box No. IV Lack of unity of invention						
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;						
	citations and explanations supporting such statement						
	Box No. VI Certain d	Certain documents cited					
	Box No. VII Certain defects in the international application						
	Box No. VIII Certain observations on the international application						
Date of	submission of the demand	Date of complete	tion of this report				
Name ar	nd mailing address of the IPEA/JP	Authorized offi	Authorized officer				
Facsimile No.		Telephone No.	Telephone No.				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/002488

Box	No. I	Basis of the report				
1.		h regard to the language, this report is based on the internation cated under this item.	onal application in the language in	which it was filed, unless otherwise		
		This report is based on translations from the original language which is the language of a translation furnished for the purport international search (Rule 12.3 and 23.1(b))	-			
		publication of the international application (Rule 12.4	<i>1</i>)			
		international preliminary examination (Rule 55.2 and				
2.	rece	egard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the ag Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to nort): The international application as originally filed/furnished				
	\boxtimes	the description:				
		pages1,2,4-12		as originally filed/furnished		
		pages*3,3/1	received by this Authority on	22.12.2004		
		pages*	received by this Authority on			
	\boxtimes	the claims:				
		nos. 2,3,4		as originally filed/furnished		
		nos.*		r with any statement) under Article 19		
		nos.* 1,7,8	received by this Authority on	22.12.2004		
		nos.*				
	\square	the drawings:	- , , , ,			
				as originally filed/furnished		
		sheets*				
	\Box					
		a sequence listing and/or any related table(s) - see Supplement	quence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.			
3.	\boxtimes	The amendments have resulted in the cancellation of:				
		the description, pages				
		the claims, nos 5,6,9				
		the drawings, sheets/figs				
		the sequence listing (specify):				
		any table(s) related to sequence listing (specify):				
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as fi				
		the description, pages				
		the claims, nos.				
		the drawings, sheets/figs				
		the sequence listing (specify):				
		any table(s) related to sequence listing (specify):				
*	If ite	em 4 applies, some or all of those sheets may be marked "sup				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/002488

Box No. Il	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:						
	the entire international application					
	claims Nos.					
becaus	because:					
	the said international application, or the said claims Nos.					
	relate to the following subject matter which does not require an international preliminary examination (specify):					
	the description, claims or drawings (indicate particular elements below) or said claims Nos.					
	are so unclear that no meaningful opinion could be formed (specify):					
	the claims, or said claims Nos. are so inadequately supported					
	by the description that no meaningful opinion could be formed.					
\boxtimes	no international search report has been established for said claims Nos. 1-4,7,8					
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:					
	the written form has not been furnished					
	does not comply with the standard					
	the computer readable form has not been furnished					
	does not comply with the standard					
	the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the					
	the tables refaced to the independent animo acid sequence using, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.					
	See Supplemental Box for further details.					